IN THE CLAIMS:

1-21. (Canceled)

22. (New) A tube set for use with a surgical pump and tool system to supply irrigation fluid to a tool of the system, said tube set including:

an inlet tube having first and second ends, said first end for placing in fluid communication with a source of the irrigation fluid;

an outlet tube having first and second ends, said second end of said outlet tube for coupling to the tool;

a cassette for insertion into the surgical pump, said cassette having:

a front, first and second spaced apart opposed sides that extend from said front, and a rear opposite said front that extends between said sides, said rear having a forwardly directed wall;

a compressible tube having opposed ends that extends across an outer surface of said forwardly directed wall, wherein said inlet tube second end is connected to one end of said compressible tube and said outlet tube first end is connected to the other end of said compressible tube; and

a locking finger pivotally connected to said first side so as to be able to selectively be moved towards said second side, said locking finger having: a base pivotally connected to said first side adjacent said rear; a tip spaced from said base located adjacent said front and a retention feature located between said base and said tip for engaging a retention feature integral with the surgical pump.

23. (New) The tube set of Claim 22, wherein said second side of said cassette is formed with a plate that subtends the area subtended by said locking finger tip.

24. (New) The tube set of Claim 22, wherein said first side of said cassette is a side wall and said locking finger is formed integrally with said side wall and seats in an opening defined by said side wall.

25. (New) The tube set of Claim 22, wherein said locking finger retention feature extends beyond an outer surface of said locking finger.

26. (New) The tube set of Claim 22, wherein said locking finger retention feature is a tab formed with a beveled top such that extending from said base to said tip, the height of said tab relative to said locking finger increases.

27. (New) The tube set of Claim 22, wherein:

said cassette first and second sides are, respectively, first and second side walls; and

said locking finger is formed integrally with said first side wall and is seated in an opening defined by said first side wall.

28. (New) The tube set of Claim 27, wherein said second side wall is formed with a recess that is positioned to subtend the area subtended by said locking finger tip.

29. (New) The tube set of Claim 22, further including a raised tab integral with said locking finger disposed over said tip, said tab being spaced from said retention feature.

30. (New) The tube set of Claim 22, further including a biasing member extending from the second side to said locking finger that biases said locking finger away from said second side.

31. (New) The tube set of Claim 22, wherein said inlet tube, said outlet tube, and said compressible tube are separate tubes.

32. (New) A tube set for use with a surgical pump and tool system, the surgical pump having a pumping mechanism for supplying irrigation fluid to a tool of the system, said tube set including:

a compressible tube having a first end for placing in fluid communication with a source of the irrigation fluid to supply the irrigation fluid to the tool; and

a cassette supporting said compressible tube for insertion into the surgical pump to engage said compressible tube with the pumping mechanism;

said cassette including a pumping wall with an outer surface having a generally concave shape wherein said compressible tube is disposed adjacent to said generally concave outer surface for being compressed against at least a portion of said generally concave outer surface by the pumping mechanism to convey the irrigation fluid through said compressible tube to the tool,

said generally concave outer surface having an arcuate surface that defines a circular portion and a transition surface that extends away from said arcuate surface and said circular portion defined by said arcuate surface, wherein said compressible tube extends from said first end and over said transition surface to said arcuate surface when the pumping mechanism engages said compressible tube.

33. (New) The tube set of Claim 32 wherein said transition surface defines a flat portion such that spacing between the pumping mechanism and said generally concave outer surface varies between said flat portion and said circular portion to vary compression of said compressible tube against said generally concave outer surface by the pumping mechanism between said flat portion and said circular portion.

34. (New) The tube set of Claim 32, further including an inlet tube at least partially supported by said cassette and having first and second ends and an outlet tube at least partially supported by said cassette and having first and second ends.

35. (New) The tube set of Claim 34, wherein said compressible tube has a second end with said first end of said compressible tube coupled to said second end of said inlet tube and said second end of said compressible tube coupled to said first end of said outlet tube.

36. (New) The tube set of Claim 35, further including a first connector for coupling said first end of said compressible tube to said second end of said inlet tube and a second connector for coupling said second end of said compressible tube to said first end of said outlet tube.

37. (New) The tube set of Claim 36, wherein said cassette has a front, first and second spaced apart opposed sides that extend from said front, and a rear opposite said front that extends between said sides and said cassette substantially encloses said first and second connectors and said inlet and outlet tubes between said front and said rear.

38. (New) The tube set of Claim 37, wherein said cassette defines an input channel and an output channel with each of said channels having a first open end at said front and a second open end at said rear.

39. (New) The tube set of Claim 38, wherein said inlet tube is disposed in said input channel and extends out through said first open end of said input channel at said front and said outlet tube is disposed in said output channel and extends out through said first open end of said output channel at said front.

40. (New) The tube set of Claim 34, wherein said inlet tube, said outlet tube, and said compressible tube are separate tubes.